

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

<i>In re</i> Application of)	
)	(Prior Group Art Unit: 1642)
David HUNG)	
)	(Prior Examiner: S. Huff)
Serial No. tba)	
)	
Filed: even herewith)	Atty. Dkt. No. 005284.00195

For: **IDENTIFYING MATERIAL FROM A BREAST DUCT**

INFORMATION DISCLOSURE STATEMENT

MAIL STOP PATENT APPLICATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

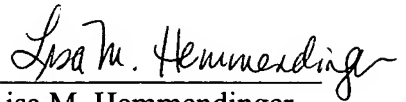
Dear Sir:

In accordance with 37 C.F.R. §§ 1.97 and 1.98, enclosed are four PTO Forms-1449 listing documents for consideration by the Examiner during the prosecution of the subject application. All cited art was previously disclosed or cited in parent application Serial No. 09/625,399 filed July 26, 2000. Copies of the cited art are available in the parent application.

Applicant wishes to call the Examiner's attention to the allowed claims of parent application Serial No. 09/625,399 and of Serial No. 09/800,970. Both applications are listed on an enclosed PTO Form-1449.

Respectfully submitted,

Dated: July 21, 2003

By: 
Lisa M. Hemmendinger
Registration No. 42,653

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FORM PTO-1449 (Modified)			Attorney Docket No.: 005284.00195		Application No.: tba	
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)			Applicant: DAVID T. HUNG			
			Filing Date: July 21, 2003		Group: tba	
Reference Designation			U.S. PATENT DOCUMENTS			Page 1 of 4
Examiner Initial	Document No.	Date	Name	Class	Sub-class	Filing Date (If Appropriate)
___ AA	4,782,015	11/1/88	Allison et al.			
___ AB	5,478,556	12/26/95	Elliot et al.			
___ AC	5,652,115	07/29/97	Marks et al.			
___ AD	5,763,415	06/09/98	Sukamar			
___ AE	5,798,266	8/25/98	Quay et al.			
___ AF	5,914,238	6/22/99	Keese et al.			
FOREIGN PATENT DOCUMENTS						
	Document No.	Date	Country	Class	Sub-class	Translation (Yes/No)
___ AG	EP0319686	06/14/89	Europe			
___ AH	WO 97/05898	2/20/97	PCT			
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)						
___ AI	Barnes and Masood, "Potential value of hormone receptor assay in carcinoma in situ of breast" A.J.C.P., Nov. 1990, vol. 94, no. 5, 533-537					
___ AJ	Barnes et al. "Low nm23 protein expression in infiltrating ductal breast carcinomas correlates with reduced patient survival" Am J. Path; vol. 139, no. 2, 8/91					
___ AK	Berntsen et al. "Influence of Treatment with Aminoglutethimide on Plasma and Red-Blood-Cell Glutathione Status in Breast Cancer Patients." Cancer Chemother Pharmacol. 1998. Vol 42, pages 46-52.					
___ AL	Boccuzzi et al. "Breast Duct Fluid Dehydroepiandrosterone sulphate in Fibrocystic Disease." European J. Cancer and Clinical Oncology. August 1987. Vol 23, pages 1099-1102					
___ AM	"Cancer detection techniques shown." Santa Barbara News Press 8/3/71					
___ AN	Cassels, "New test may speed breast cancer detection." The Medical Post March 20, 1973					
___ AO	Ernster et al. "Benign and malignant breast disease: initial study results of serum and breast fluid analyses of endogenous estrogens." JNCI vol 79 no. 5					
___ AP	Fabian, et al. "Biomarker and cytologic abnormalities in women at high and low risk for breast cancer" J of Cellular Biochemistry 17G:153-160 (1993)					
___ AQ	Fabian, et al. "Prevalence of abnormal biomarkers in fine needle breast aspirates in high risk populations." 1993 Proc. Ann Meeting Am Assoc. Cancer Res. 34:A1556					
___ AR	"Finding asymptomatic breast cancer." Medical World News July 23, 1971					
___ AS	Fryckberg, et al. "Ductal carcinoma in situ of the breast." Surgery, Gynecology & Obstetrics 10/93 vol 177					
___ AT	Gilbert, et al. "A pilot study of Pi-class glutathione s-transferase expression in breast cancer: correlation with estrogen receptor expression and prognosis in node-negative breast cancer." J. of Clin Oncology, vol 11, no. 1 1/93:pp 49-58					
___ AU	Goodson & King. "Discharges and secretions of the nipple. The Breast, Comprehensive management of benign and malignant diseases" 2nd ed vol 2. 1998					
___ AV	Head et al. assessment of immulogic competence and host reactivity against tumor antigens in breast cancer with vaccines. vol. 690 of the Annals of the NY Academy of Sciences 8/12/93					
___ AW	Imayama, et al. "Presence of elevated carcinoembryonic antigen on absorbent disks applied to nipple are of breast carcinoma patients." Cancer Sept 15, 1996 vol 78 no. 6					
___ AX	JAMA May 7, 1973; vol 224, no. 6 pgs 823-827					
___ AY	King, et al. "Analytic studies of foam cells from breast cancer precursors." Cytometry 5:124-130 (1984)					

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_____ AZ	King, et al. "Cellular composition of the nipple aspirate specimen of breast fluid." AJCP vol 64 Dec 1975 pp 728-738		
_____ BA	Kristensen et al. "A rare CYP19 (aromatase) variant may increase the risk of breast cancer." Pharmacogenetics. 1998. Vol. 8, pages 43-48		
_____ BB	Lobsenz. "A new way to detect breast cancer early." Good House Keeping Jan 1975		
_____ BC	Love et al., "Breast-duct Endoscopy to Study Stages of Cancerous Breast Disease." 12 October 1996. Vol. 348 pages 997-999.		
_____ BD	Love. "Collection and analysis of nipple aspirate fluid in the early detection of breast cancer." Windy Hill Technology, Inc. NAF Focus Group Study september 18, 1998		
_____ BE	Lu et al. "The Effects of Aromatase Inhibitors and Antiestrogens in the Nude Mouse Model." Breast Cancer Research and Treatment 1998. Vol 50, pages 63-71		
_____ BF	Masood & Johnson. "The value of imprint cytology in cytochemical detection of steroid hormone receptors in breast cancer." AJCP vol 87 No 1 pp 30-36		
_____ BG	Masood, et al. "Breast health Challenges and Promises." J. Florida M.A. Aug/Sept 1996/Vol. 83, No. 7 pp 459-465		
_____ BH	Masood. "Fluorescent cytochemical detection of estrogen and progesterone receptors in breast fine-needle aspirates." AJCP 1/91		
_____ BI	Masood. "The missing link: a 'pap smear' for early breast cancer detection and prevention." The Breast Journal, vol 5 number 1, 1999 pp. 1-2		
_____ BJ	Nass, et al. "Breast cancer biology blossoms in the clinic." Nature Medicine vol 4 No. 7 July 1998		
_____ BK	Newman, et al, J Natl Cancer Inst. 1979 Dec. 63(6):1339-46		
_____ BL	North, et al. "Vasopressin gene related products are markers of human breast cancer." Breast Cancer Research and Treatment 34:229-235, 1995		
_____ BM	Okazaki, et al "Relationship between cytologic results and the extent of intraductal spread in nonpalpable breast cancers with nipple discharge" Tumor Res. 31, 89-97 (1996)		
_____ BN	Papanicolaou et al. "Exfoliative cytology of the human mammary gland and its value in the diagnosis of cancer and other diseases of the breast." Cancer March-April 1958, 11(2): 377-409		
_____ BO	Pertschuk et al. "Estrogen receptor immunochemistry in endometrial carcinoma." Gynecologic Oncology 63, 28-33 (1996) pp28-33		
_____ BP	Petrakis & King. "Genetic markers and cancer epidemiology." Cancer April supp 1977 vol 39 pp1861-1866		
_____ BQ	Petrakis et al. "Epithelial dysplasia in nipple aspirates of breast fluid: association with family history and other breast cancer risk factors." JNCI vol 68 no. 1 1/82		
_____ BR	Petrakis; "Nipple aspirate fluid in epidemiologic studies of breast disease." Epidemiologic Reviews vol 15 no. 1 1993		
_____ BS	Phillips, et al. "Nipple Aspirate Fluid in Relation to breast Cancer." The Breast. Auust 1999, Vol. 8, No. 4, pages 169-174		
_____ BT	Rose, et al. "A Comparison of Serum and Breast Duct Fluid Immunoassayable prolactin and Growth Hormon Woman and and Patients with Cystic Breast Disease." Cancer, December 1, 1987. Vol 60. No. 11, pages 2761-2765.		
_____ BU	Rose. "Hormones and Growth factors in Nipple aspirates from normal women and benign breast disease patients." Cancer Detection and Prevention vol 16, Issue 1 1992		
_____ BV	Rosner et al. "Diagnosis of breast carcinoma with radiolabeled monoclonal antibodies to carcinoembryonic antigen and human milk fat globulin." Cancer Investigation, 13(6), 573-582 (1995)		
_____ BW	Sartorius et al. "The biochemistry of breast cyst fluids and duct secretions." Breast Cancer Research and Treatment 35:255-266 1995		
_____ BX	Sartorius, "Cytologic evaluation of breast fluid in the detection of breast disease" J Nat'l Cancer Inst vol 59 no. 4 Oct 1977 pp. 1073-1080		
_____ BY	Sauter et al, "Nipple aspirate fluid: a promising non-invasive method to identify cellular markers of breast cancer risk" 1997 British J. Cancer 76(4):494-501		
_____ BZ	Sauter et al. "Prostate specific antigen levels in nipple aspirate fluid correlate with breast cancer risk, Cancer Epidemiology vol. 5, 967-970, 12/96		
_____ CA	Strah & Love. "The in situ carcinomas of the breast." JAMWA vol 47 No 5 sept /Oct 1992		

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_____ CB	Sukumar & McKenzie, "Molecular genetics of human breast cancer." Cellular and molecular mechanisms of hormonal carcinogenesis: Environmental influences, ISBN 0-471-02202-0 1996		
_____ CC	Sukumar & McKenzie, "Breast cancer prevention strategies for the twenty first century" Molecular Medicine Today 11/96		
_____ CD	Vetvicka, et al. "Human breast milk contains procathepsin D-detection by specific antibodies." Biochemistry and Molecular Biology International vol 30, no. 5, 8/93 pp. 921-928		
_____ CE	Vorherr, H. "Endocrinology of Breast Cancer." Maturitas. 1987, Vol. 9, pages 113-122		
_____ CF	Wrensch, et al. "Breast cancer risk associated with abnormal cytology in nipple aspirates of breast fluid and prior history of breast biopsy." Am J. of Epidemiology vol 137 no. 8 1993		
_____ CG	Wrensch, et al. "Breast cancer incidence in women with abnormal cytology in nipple aspirates of breast fluid" Am. J. of Epidemiology vol 135 no. 2 1992		
_____ CH	Wynder et al. "Breast Secretion in Finnish Women: a metabolic epidemiologic study," Cancer 47: 1444-1450, 1981		
_____ CI	Wynder et al, "Prolactin Oestrogen, and Lipids in Breast Fluid." The Lancet 22 October 1977. Vol. 2 No. 8043, pages 840-842.		
_____ CJ	Zippin & Petrakis, "Identification of high risk groups in breast cancer." Cancer vol 28 pp 1381-1387 Dec 1971		
_____ CK	"Pap' test for breast cancer" periodical clipping re: Dr. Sartorius		
EXAMINER		DATE CONSIDERED	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	tba
				Filing Date	July 21, 2003
				First Named Inventor	David T. Hung
				Group Art Unit	tba
				Examiner Name	tba
Sheet	4	of	4	Attorney Docket Number	005284.00195

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
CL		Serial No. 09/625,399		Hung	
CM		Serial No. 09/800,970		Hung	

FOREIGN PATENT DOCUMENTS						
Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
CN		WO 00/70349	11-23-2000			

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
CO		Azavedo et al., Anticancer Research 6:263-266, 1986.	
CP		Database Embase on Dialog. No. 06717313, Chinese Journal of Clinical Oncology 23/6:381-385, 1996.	
CQ		Hou et al., Radiology, Vol. 195 p. 568 (1995).	

Examiner Signature		Date Considered	
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¹ EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.